

*Birthday symposium:*

## Radiotherapy in locally advanced cervical cancer becoming of age

Friday February 21, 2020 11:00-16:30,

Aarhus University Hospital, Auditorium B, Entrance G, G206-142

### Invitation

During the last 15 years we have witnessed a quantum leap in the radiotherapy techniques used for treatment of locally advanced cervical cancer. The success has been brought about by use of image guided adaptive radiotherapy both for delivery of external beam radiotherapy and for brachytherapy. The use of MRI and its superior soft tissue contrast has been instrumental in this achievement.

Image guided adaptive radiotherapy is now considered state of the art in the treatment of locally advanced cervical cancer and is the basis for the world's largest consortium of departments treating cervix cancer by radiotherapy according to a joint protocol in the Embrace cooperation.

Since 2005 we have treated more than 500 patients with this method in Aarhus and have seen significant improvement in outcome both with regard to improved survival and reduced morbidity. In addition we have contributed more than 250 patients to the Embrace studies.

With this birthday symposium we would like provide a platform for our neighbouring friends and colleagues in Scandinavia and northern Europe for reviewing the path leading to the present position and getting insight into the prospects for further improvements. To this end we have invited several prominent international and national speakers which we hope will convince you to come to Aarhus and join the party.

Highlights of the program will include Primoz Petric from Ljubljana revealing the process of applicator development for brachytherapy by 3D printing and Christian Kirisits from Vienna lecturing on how to perform treatment planning with advanced applicators. For external beam radiotherapy we have invited Li Tee Tan from Cambridge to enlighten us on how to understand and contour the new and more complex target concepts which are needed for image guided adaptive radiotherapy. Finally we will focus on quality of life and morbidity after treatment for cervix cancer with an overview provided by Pernille Jensen from Aarhus, a lecture by Kathrin Kirchheiner from Vienna on sexual rehabilitation after pelvic radiotherapy and a lecture by Peter Christensen also from Aarhus on new ways to diagnose and treat radiation induced gastro-intestinal morbidity.

**Registration by using this [Link](#) before January 31, 2020.** There will be no registration fee and the symposium is open to all healthcare providers involved in the treatment of cervix cancer.

Hope to see you in Aarhus on February 21, 2020

Kind regards  
Aarhus University Hospital  
Department of Oncology

Kari Tanderup

Lars Ulrik Fokdal

Jacob Christian Lindegaard

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### **Program**

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Registration 10:30-11:00

#### **Session 1: 11:00-12:45**

##### ***Brachytherapy – how did we get here and where to go now?***

- 11:00-11:15 Jacob Lindegaard: Cervix cancer in 1959
- 11:15-11:45 Lars Fokdal: From point-A to the shaped pear
- 11:45-12:15 Primoz Petric: Applicator development in the era of 3D printing
- 12:15-12:45 Christian Kirisits: Treatment planning with advanced applicators

*Lunch 12:45-13:30*

#### **Session 2: 13:30-15:00**

##### ***Moving ahead with external beam radiotherapy***

- 13:30-14:00 Kari Tanderup: From 3D conformal to 4D radiotherapy with narrow margins
- 14:00-14:30 Li Tee Tan: How to grasp the new target concepts for EBRT

*Coffee break 14:30-15:00*

#### **Session 3: 15:30-16:30**

##### ***Morbidity and its management - new insights and opportunities***

- 15:00-15:30 Pernille Jensen: Quality of life after treatment for cervix cancer
- 15:30-16:00 Kathrin Kirchheiner: Sexual rehabilitation
- 16:00-16:30 Peter Christensen: Gastro-intestinal morbidity - what can we do about it?